

Converting Colors

YIQ(175.1810, 17.0490, 37.9530)

Have a look what the booklet for
YIQ(175.1810, 17.0490, 37.9530)
contains.

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Color

**YIQ(175.1810, 17.0490,
37.9530)**

Conversions

Conversions Part 1

Format	Color
Hex	D792DD
RGB	215, 146, 221
RGB Percent	84%, 57%, 87%
CMY	0.1566, 0.4275, 0.1333
CMYK	0.03, 0.34, 0.00, 0.13
HSL	295°, 52%, 72%
HSV	295°, 34%, 87%
XYZ	51.3660, 40.2247, 73.4652
YIQ	175.1810, 17.0490, 37.9530

Conversions

Conversions Part 2

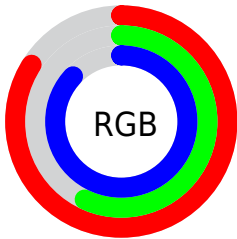
Format	Color
R_{YB}	215, 146, 221
Decimal	14127837
CIE _{Lab}	69.63, 38.18, -27.78
CIE _{LCh}	70, 47.216, 323.959
Yxy	40.2247, 0.3112, 0.2437
Android (android.graphics.Color)	4292317917 (0xFFD792DD)
YUV	175.1810, 22.5888, 34.9213
Hunter-Lab	63.4229, 33.5764, -24.2818

Details

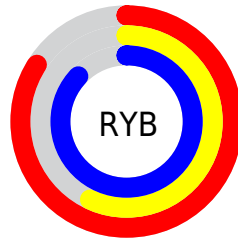
The YIQ color **175.1810, 17.0490, 37.9530** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **191.8190, -17.0490, -37.9530**, and the grayscale version is **175.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **223.3020, 14.8500, 28.2420**, and **121.6430, 15.6280, 36.1720** is the 20% darker color. If you saturate the color by 10%, you get **161.6690, 21.9070, 49.0350**, and if you desaturate by 10%, it is **188.6930, 12.1910, 26.8710**.

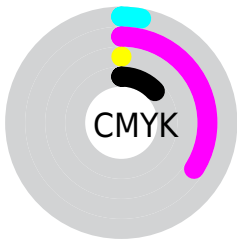
Distribution



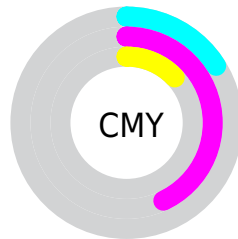
- Red (84%)
- Green (57%)
- Blue (87%)



- Red (84%)
- Yellow (57%)
- Blue (87%)



- Cyan (3%)
- Magenta (34%)
- Yellow (0%)
- Black (13%)





- Cyan (16%)
- Magenta (43%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 175.1810, 17.0490, 37.9530 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 175.1810, 17.0490, 37.9530 by changing the saturation by 10% instead.


 175.1810, 17.0490,
37.9530

 175.1810, 17.0490,
37.9530


255.0000, -0.0000,
-0.0000


 148.3550, 16.4990,
36.9070


 223.3020, 14.8500,
28.2420


 121.6430, 15.6280,
36.1720

 239.7380, 7.1500,
13.5980

 95.8170, 15.0780,
35.1260

 70.4040, 14.8030,
34.6030

 45.2190, 13.8860,
34.7020

 24.1540, 12.5110,
32.0870

 15.6660, 7.6530,

21.0050

■ 2.9810, -7.0160,
6.0080

■ 0.0000, 0.0000,
0.0000

■ 175.1810, 17.0490,
37.9530

■ 175.1810, 17.0490,
37.9530

■ 161.6690, 21.9070,
49.0350

■ 188.6930, 12.1910,
26.8710

■ 148.4560, 27.3610,
60.3290

■ 202.2050, 7.3330,
15.7890

■ 134.9440, 32.2190,
71.4110

■ 215.4180, 1.8790,
4.4950

■ 121.4320, 37.0770,
82.4930

■ 228.9300, -2.9790,
-6.5870

107.3330, 42.2100,
94.0980

241.8550, -7.5620,
-17.1460

94.1200, 47.6640,
105.3920

242.4530, -6.3700,
-16.7220

85.8910, 50.0470,
111.7670

242.7520, -5.7740,
-16.5100

243.3500, -4.5820,
-16.0860

243.9480, -3.3900,
-15.6620

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



171.2060, -28.7980, 26.3220



175.1810, 17.0490, 37.9530



173.1340, 50.7940, 37.6260

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



175.1810, 17.0490, 37.9530



167.3130, 49.5660, -17.2340



135.8460, -117.9630, -37.2830

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



175.1810, 17.0490, 37.9530



191.8190, -17.0490, -37.9530

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



137.8210, -90.4520, -45.7800



175.1810, 17.0490, 37.9530



163.0700, 19.0330, -31.0710

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



175.1810, 17.0490, 37.9530



169.3560, 66.3430, 3.6150



156.4100, -23.1470, -37.5710



136.9010, -127.8230, -23.7830

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



175.1810, 17.0490, 37.9530



171.9210, 64.2750, 30.0910



156.4100, -23.1470, -37.5710



134.2500, -113.4690, -41.6370

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



175.1810, 17.0490, 37.9530



239.7270, 5.6830, 12.6510



158.0720, -25.7250, 20.1870



118.0100, 3.2080, 7.9440



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



175.1810, 17.0490, 37.9530



190.9730, 24.1070, 53.2190



173.4410, 30.5760, 29.5840



103.2440, 2.4290, 5.5410



67.5620, 39.8270, 87.7230



17.8020, 10.2660, 23.2100

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



169.1090, 42.7740, 17.7660



182.4210, 59.6910, 25.0590



193.5590, -30.5760, -29.5840



102.4030, 6.2350, 2.6430



53.3230, 98.6140, 41.0300



14.2100, 26.1320, 10.9960

Previews

White Background



This preview shows how the YIQ color 175.1810, 17.0490, 37.9530 looks on a white background.

Color Contrast Check

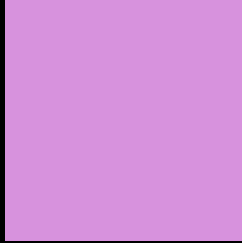
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 175.1810, 17.0490, 37.9530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

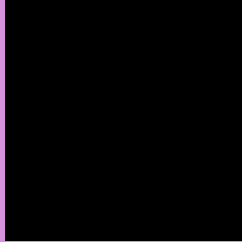
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 175.1810, 17.0490, 37.9530

Background



This preview shows how black text looks on a background with the YIQ color 175.1810, 17.0490, 37.9530.



This preview shows how white text looks on a background with the YIQ color 175.1810, 17.0490,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

175.1810, 17.0490, 37.9530

Protanopia

170.2990, -33.7940, 17.7420

Deuteranopia

171.5040, -18.4340, 14.7020



Tritanopia

173.6170, 26.5440, 14.5440

Trichromacy



Original Color

175.1810, 17.0490, 37.9530

Protanomaly

172.0950, -15.3640, 25.1480

Deuteranomaly

172.6030, -5.2310, 23.2250

Tritanomaly

174.3320, 23.3330, 23.1810

Monochromacy



Original Color

175.1810, 17.0490, 37.9530

Achromatopsia

175.0000, -0.0000, -0.0000

Achromatomaly

174.9660, 6.5080, 14.2200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 175.1810, 17.0490, 37.9530 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(215, 146, 221)` looks like.

```
.text, #text, p{  
    color:rgb(215, 146, 221)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(215, 146, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 146, 221) }
```

Border

The CSS property to change the border of an element to YIQ 175.1810, 17.0490, 37.9530 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(215, 146, 221) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(215, 146, 221) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(215, 146, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 146, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 146, 221);  
box-shadow:4px 4px 4px 4px rgb(215, 146,  
221) }
```

Background

The CSS property to change the background color of an element to YIQ 175.1810, 17.0490, 37.9530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 146, 221) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(215,  
146, 221) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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